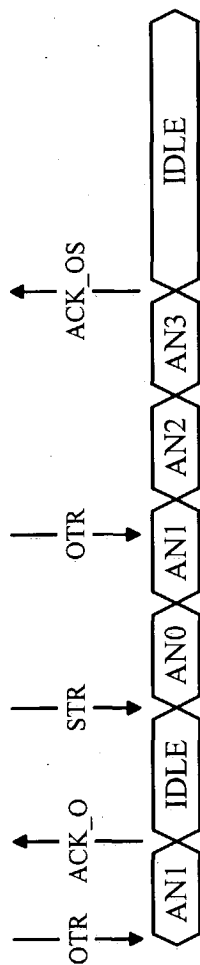


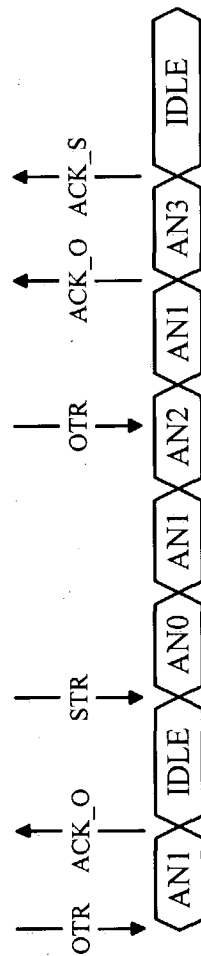
FIG. 1

FIG. 2

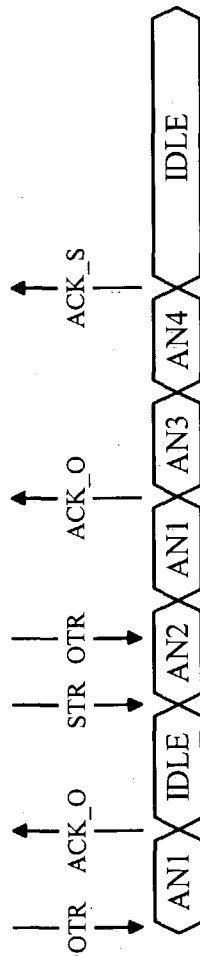
1) SWEEP AN0-AN3; ONE-SHOT AN1; NO PRIORITY OR SWEEP HAS PRIORITY



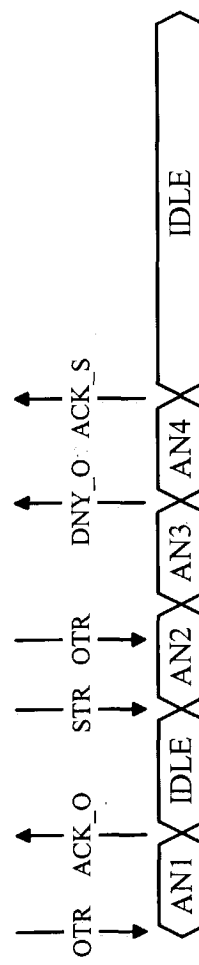
2) SWEEP AN0-AN3; ONE-SHOT AN1; ONE-SHOT HAS PRIORITY



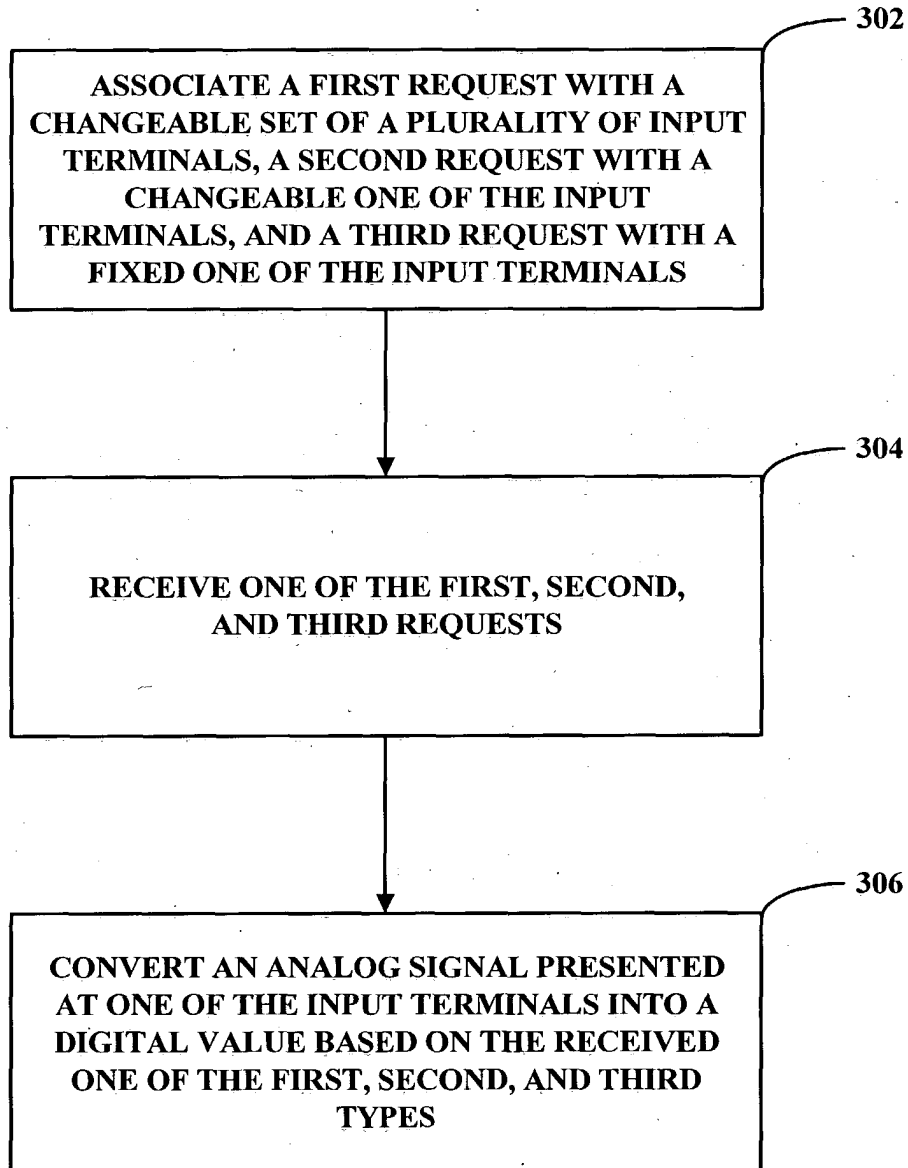
3) SWEEP AN2-AN4; ONE-SHOT AN1; ONE-SHOT HAS PRIORITY



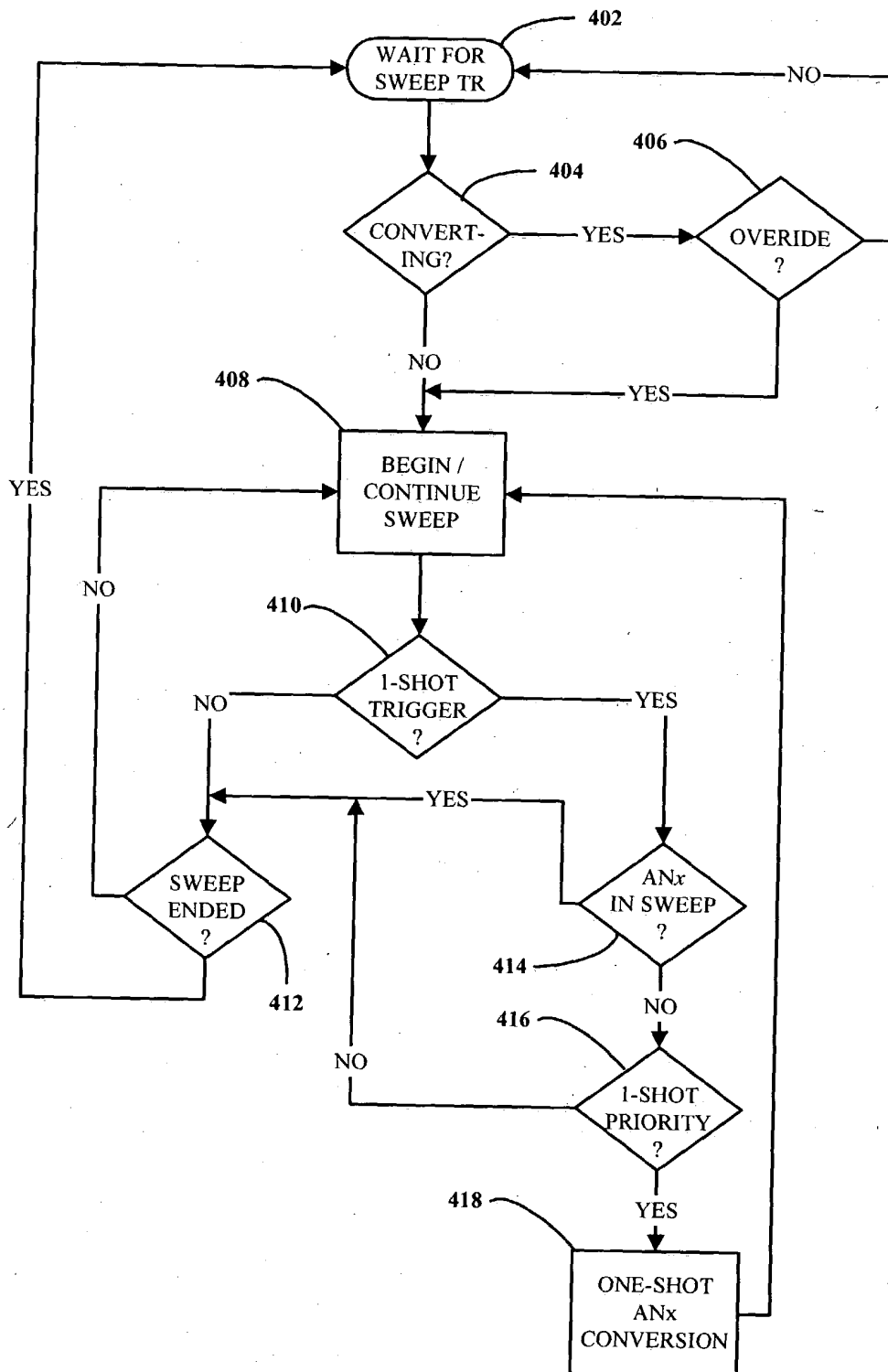
4) SWEEP AN2-AN4; ONE-SHOT AN1; SWEEP HAS PRIORITY



OTR = ONE-SHOT TRIGGER  
 STR = SWEEP TRIGGER  
 DNY\_O = DENY ONE-SHOT  
 ACK\_O = ACKNOWLEDGE ONE-SHOT  
 ACK\_S = ACKNOWLEDGE SWEEP  
 ACK\_OS = ACKNOWLEDGE ONE-SHOT AND SWEEP

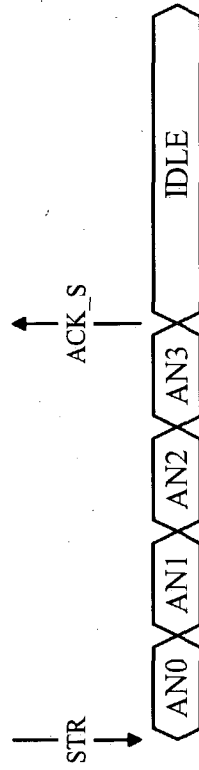


**FIG. 3**

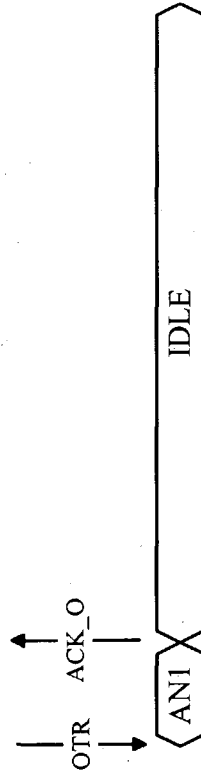


**FIG. 4**

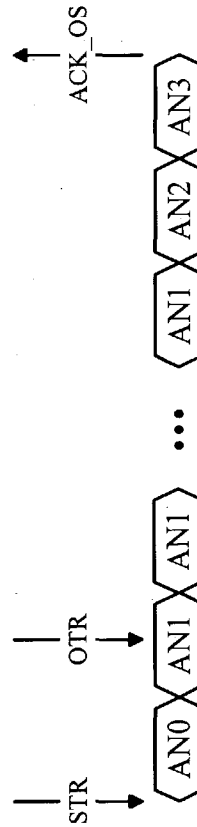
MODE 1) SWEEP AN0-AN3



MODE 2) ONE-SHOT AN1



MODE 3) SWEEP AN0-AN3; REPEATED CONVERSION OF AN1



OTR = ONE-SHOT TRIGGER  
 STR = SWEEP TRIGGER  
 ACK\_S = ACKNOWLEDGE SWEEP (MODE 1)  
 ACK\_O = ACKNOWLEDGE ONE-SHOT (MODE 2)  
 ACK\_OS = ACKNOWLEDGE ONE-SHOT  
 AND SWEEP (MODE 3)

FIG. 5